INDEX TO VOLUME 24

The asterisk (*) preceding the page number indicates an original article in the Archives. Subject entries are made for all articles. Author entries are made for original articles and society transactions. Book Reviews, Obituaries and Society Transactions are indexed under these headings in their alphabetical order under the letters B, O and S, respectively.

Abnormalities and Deformities: See Twins; etc.; and under names of organs and regions, as Aortic Valve, abnormalities; Brain, abnormalities; Heart, abnormalities; Spine, abnormalities; etc.
Acid, acetic, poisoning, 686
Amino: See Amino-Acids
Cevitamic: See Vitamins, C
glycuronic; chemo-immunologic studies on conjugated carbohydrate-proteins, 387
Uric: See Uric Acid
Actinomycosis of ovary, 258
Addison's Disease, so-called atrophy of adrenal cortex with intranuclear inclusions, 88
Adenocarcinoma, carcinoma of Meckel's diverticulum; report of case, *791
constituent elements of metastatic adenocarcinoma of dura mater; role of microglia, 526
Adenoma, renal, 108
Adrenal Preparations; changes in capillaries of myocardium in experimental epinephrine sclerosis, 379
Adrenals, association of chromaffin tumors with neurofibromatosis, 526
Atrophy: See Addison's Disease
peculiar granules in cells of liver and adrenal in infections, 671
Aegerter, E. E.: Primary carcinoma of liver cells with peritoneal metastasis, *58
Age, increase in diameter of aorta with age, 89
Old: See Old Age
relation of age and hypertension to structure of small arteries and arterioles in skeletal muscle, 379
Agglutination, absorption of heterophil hemagglutinin by beef corpuscles, 98
auto-agglutination, 105, 680
group-specific properties of vernix caseosa, 833
heterophil hemagglutinin in rabbits with "serum sickness," 98
iso-antigens in saliva, 259
parabiotic twins and cellular individuality, 520
Agglutinins: See also under Antigens and Antibodies; Blood, groups; Immunity; Typhoid; etc.
absorption of hemolysins and agglutinins, 681
Agglutinogens: See Blood, groups
Air, studies in endemiology (periodicity in sun spots and in mortality), 404
Passages: See Respiratory Tract
Allergy: See Anaphylaxis and Allergy
Altschule, M. D.: Changes in pituitary gland following total thyroidectomy, *443
Amebiasis, influence of variations in exposure in, 821
source of error in laboratory diagnosis of, 529
American Documentation Institute, 83
Society of Tropical Medicine, meeting, 664
Amino-Acids, effects of amino-acids and other biologic materials on development in chick embryo, 86
Amolsch, A. L.: Congenital atresia of tricuspid valve complicated by congenital myxosarcoma of labium majus, *777
Amyloidosis of lungs and heart, 511
Anaphylaxis and Allergy: See also Asthma; Tuberculosis; etc.
absorption of heterophil hemagglutinin by beef corpuscles, 98
allergic vascular reactions in local inflammatory processes, 92
anaphylaxis in Macacus rhesus, 259
Anaphylaxis and Allergy—Continued
endocardial, arterial and other mesenchymal alterations associated with serum disease in man, *458, 695
experimental atherosclerosis on hyperergic basis, 87
experimental lymphogenous hyperergic appendicitis, 248
heterophil hemagglutinin in rabbits with "serum sickness," 98
hyperergic inflammation on tuberculous basis, 86
infectious reactive reticulo-endotheliosis as hyperergic manifestation, 382
interrelations between immunologic and allergic manifestations, 262
local anaphylactic lesions of brain in guinea-pigs, 827
modification of anaphylactic shock by vitamin C, 830
nature of bacterial specific intradermal antiserum reaction, 520
pathogenesis of acute diffuse nephritis; experimental study of allergic localization in kidney, 510
production of reversed anaphylaxis in man, 262
relation between antianaphylaxis and antibody balance, 258
reticulo-endothelial system and anaphylaxis in dog, 259
role of parallergic reactions on nervous system, 512
sensitization of animals with arsphenamine, 678
sensitization of animals with simple chemical compounds, 258
serum sickness in rabbits, 389
tissue culture studies on bacterial hypersensitivity, 827
titers of iso-agglutinins in serum disease, in leukemia and after blood transfusion, 838
variation in susceptibility of guinea-pigs to reversed passive anaphylaxis, 101
vitamin C and anaphylactic shock in guinea-pigs, 388
Anemia, marked macrocytic anemia in "hemolytic jaundice" with findings in sternal bone marrow and spleen, 406
Aneurysm, aortic; primary multilocular mycotic aneurysm of aorta, *634
coronary, with thrombosis in rheumatic carditis; unusual occurrence accompanied by hyperleukocytosis in child, *369
multiple, with periarteritis nodosa, 674
mycotic, and subacute bacterial aortitis, associated with severe chronic rheumatic heart disease, 112
origin of left coronary from pulmonary artery, 673
Anthracosis: See Pneumoconiosis
Antibodies: See Antigens and Antibodies
Antigens and Antibodies: See also Agglutinins; Immunity; Lipoids; Precipitin
antigenic characteristics of related organisms after cultivation on synthetic medium, 102
blood-spinal fluid barrier and anaphylactic antibodies, 521
does gonadotropic hormone induce antibodies or antihormones? 827
localization of antibodies and colloidal dye in inflammatory areas, 389
permeability of lungs to antibodies, 260
production of antibodies in lymph nodes, 391
production of heterophilic antigen by certain bacteria and plants, 519
recovery of antibodies, 522
relation between antianaphylaxis and antibody balance, 258
relations between certain heterophil antibodies and antigens, 102
serologic specificity of pathologic tissues, 522

Antigens and Antibodies—Continued
species-specific erythrocytic antigen in human serum and group-specific hemagglutinins in corresponding precipitating antiserums, 392
Antiserum: See under names of various diseases, as Diphtheria; etc.
Antistreptolysin: See Streptococci, hemolytic
Antitoxin: See under Diphtheria; Staphylococci; Tetanus; etc.
Aorta, Aneurysm: See Aneurysm, aortic
comparative chemical and histologic examination for calcium content, 255
increase in diameter with age, 89
sclerosis; calcium content of arteriosclerotic aorta, 675
sclerosis; experimental atherosclerosis on hyperergic basis, 87
stenosis, atresia and adult coarctation in triloculate heart, 837
Aortic Valve, abnormalities; rheumatic commissural lesions and their relation to so-called congenital bicuspid aortic valve of adult, 117
syphilitic endocarditis of, 672
Aortitis, mycotic aneurysm and subacute bacterial aortitis, associated with severe chronic rheumatic heart disease, 112
Apoplexy: See Brain, hemorrhage
Apparatus, high speed vacuum centrifuge suitable for study of filtrable viruses, 529
Appendectomy, bacteremia due to Bacillus welchii with spontaneous extrusion of completely infarcted spleen following appendectomy with recovery, 695
Appendicitis, experimental lymphogenous hyperergic, 248
Appendix, changes in gastric ulcer, 513
foreign bodies in, 271
ganglioneuroma of vermiform appendix; histologic study of case, *786
primary carcinoma of, 396
Arms, congenital muscular hypertrophy of upper extremity, 383
endometriosis in musculature of, 673
Arsphenamine, sensitization of animals with, 678
Arteries: See also Aneurysm; Aorta; Arteriosclerosis; Blood pressure; Blood vessels; Embolism; Periarteritis; Thrombosis; etc.
carotid; cerebral changes in delayed death after hanging and carotid ligation, 383
coronary; effect of stellate ganglionectomy on cardiac function of intact dogs, 84
endocardial, arterial and other mesenchymal alterations associated with serum disease in man, *458, 695
origin of left coronary from pulmonary artery, 673
Arteriosclerosis, Aortic: See Aorta, sclerosis
changes in capillaries of myocardium in experimental epinephrine sclerosis, 379
cholesterol-induced arteriosclerosis in rabbits with variations due to altered status of thyroid, *612
Arthritis: See also Periarthritis
experimental atherosclerosis on hyperergic basis, 87
hyperergic inflammation on tuberculous basis, 86
in infrahuman primates, 532
Asbestosis: See Pneumoconiosis
Ascaris lumbricoides, antigenic polysaccharide (from hog), 828
Asthma, death in course of asthmatic crisis, 91
Atherosclerosis: See Arteriosclerosis
Atmosphere: See Air
Atrophy: See Brain, atrophy; Liver, atrophy; etc.
Autopsies: See also Cadavers
authorized official necropsies, 687
comparative values of clinical and postmortem blood cultures, 257
Avitaminosis: See under Deficiency Diseases; Vitamins

B C G: See under Tuberculosis
Bacilli: See Bacteria
Bacteremia: See also Septicemia
comparative values of clinical and postmortem blood cultures, 257
due to Bacillus welchii with spontaneous extrusion of completely infarcted spleen following appendectomy with recovery, 695
Bacteria: See also under Diphtheria, bacilli; Meningococci; Pneumococci; Staphylococci; Streptococci; Tubercle Bacilli; Typhoid; Viruses; etc.
Abortus and Melitense Group: See also Undulant fever
abortus and melitense group; differential study of 40 strains of Brucella isolated in Minnesota, 94
abortus and melitense group; serologic classification of Brucella group, 261
aerogenes capsulatus; bacteremia due to Bacillus welchii with spontaneous extrusion of completely infarcted spleen following appendectomy with recovery, 695
anaerobic; modification of Hall constricted tube for anaerobic culture, *64
antigenic characteristics of related organisms after cultivation on synthetic medium, 102
coli; colonization of colon bacilli in intestines of mice, 98
coli; diagnostic reaction for cancer, 527
corynebacteria; different forms of Corynebacterium diphtheriae and their significance, 257
demonstration of bacterial hemolysin in experimental and natural infections, 405
Diphtheria: See Diphtheria, bacilli
Dysentery: See Dysentery
Eberth's: See Typhoid
Enteritidis: See Salmonella enteritidis
funduliformis; postoperative Bacteroides infection, 823
micrococci; bactericidal action of serum against meningococcus, gonococcus and Micrococcus catarrhalis, 389
nature and origin of hemorrhagic necrotic lesions of skin caused by bacteria and bacterial products, 272
Paratyphoid: See Salmonella
permeability of placenta for various microorganisms and bacteriophages, 677
Pertussis: See Whooping Cough
problem of infection presented by bacterial invasion of chorio-allantoic membrane of chick embryos, 822
production of hemorrhagic necrotic lesions of skin by means of, 271
Shiga's: See Dysentery
simple modification of Russell's double sugar medium, 531
streptobacilli; Streptobacillus moniliformis, 516
Tularense: See Tularemia
Typhoid Group: See also under Typhoid
typhoid group; bacteriophage specific for V form of Bacillus typhosus, 96
Welchii: See Bacteria, aerogenes capsulatus
Bacteriolysis; thermostable bacteriolysins, 392
Bacteriophage, elicitation of specific phage from autoclaved (lifeless) material, 515
passage from blood to spinal fluid, 386
permeability of placenta for various microorganisms and bacteriophages, 677
specific for V form of Bacillus typhosus, 96
Bacterium: See Bacteria
Balantidiasis in man followed by granulomatous myocarditis, 90
Barbital and Barbital Derivatives, effects of sodium amytal and other drugs on reactivity of hypothalamus of cat, 815
Barium in eye and in melanotic tumors, 256
sulfate, disposal in abdominal cavity, 251
Basophilism: See under Pituitary Body
Basophils: See Heart, pathology; Pituitary Body
Beeman, J. A. P.: Cholesterol-induced arteriosclerosis in rabbits with variations due to altered status of thyroid, *612
Fatal nicotine poisoning; report of 24 cases, *481
Bellevue Hospital, new unit at, 246
Benzopyrene; liposarcoma produced by 1, 2-benzpyrene, 106
Beres, D.: Tuberculous meningitis in relation to tuberculoma, 697
Berger, A. R.: Auricular thrombosis in rheumatic heart disease, *344
Bergstrom, V. W.: Fatal intestinal obstruction due to biliary calculus, 128
Berry, G. P.: Transformation of virus of rabbit fibroma (Shope) into that of infectious myxomatosis (Sanarelli), 533

Bile Ducts: See also Biliary Tract; Gallbladder
diseases; incidence of cholangeitis in relation to cholecystitis, 253
enterochromaffin cells in biliary passages, 514
pathologic physiology of stone in, 510
Biliary Tract: See also Bile Ducts; Gallbladder; Liver
fatal intestinal obstruction due to biliary calculus, 128
Bladder, papilloma and carcinoma of bladder in dye workers, 109
Blalock, A.: Chylous effusions produced by experimental ligation of superior vena cava; chemical and cytologic studies, *303
Blood: See also Erythrocytes; Hemoglobin and Hemoglobin Compounds; Leukocytes
bactericidal action, general, of normal serum, 390
bactericidal action of serum against meningococcus, gonococcus and Micrococcus catarrhalis, 389
calcium content during epileptic convulsion, 255
carbon monoxide in, stability of, 686
colloids; degree of serum instability and results of lability reactions, 676
Diseases: See Anemia; Leukemia; etc.
fats and lipoids; serum sickness in rabbits, 389
fibrin; hemolytic streptococci and antistreptococcic serums, 104
formation; effects of amino-acids and other biologic materials on development in chick embryo, 86
group A in man and in rabbit, 521
group determinations, value of, 396
grouping in New York courts, 686
grouping of mummies, 259
grouping of upper Aucaner Bush Negroes and Alukuyana Indians in Dutch Guiana, 519
groups; agglutinogen in red blood cells of rabbit and its relation to blood group B, 262
groups; anti-M and anti-N serums, 686
groups; determination of blood properties M and N, 679
groups; group-specific agglutinins for human cells in rabbit serums, 260
groups; group-specific differentiation of organs of rabbit, 522
groups; linkage relation of allergic disease, blood groups, M-N types and eye color in man, 829
groups; problem of heterospecific pregnancy, 681
groups; production and absorption of anti-M and anti-N immune serums, 390
groups; species-specific erythrocytic antigen in human serum and group-specific hemagglutinins in corresponding precipitating antiserums, 392
groups; titers of iso-agglutinins in serum disease, in leukemia and after blood transfusion, 838
groups; use of blood tests in cases of disputed paternity in courts of Ohio, 396
nature of virucidal substance in "normal" human serum, 102
neutralizing antibodies for virus of human influenza in serum of persons with histories of influenza, 99
Parasites: See Malaria
pressure and experimental renal lesions in rabbits, 817
pressure, high; differential cell counts of pituitary gland in hypertension and endocrine disturbances, 89
pressure, high; experimental renal hypertension, 665
pressure, high; relation of age and hypertension to structure of small arteries and arterioles in skeletal muscle, 379
pressure, high; relation of basophilic cells of neurohypophysis to hypertension and eclampsia, 674
pressure-raising substance in carcinoid, 670
proteins; liver function and blood plasma protein formation, 816
transfusion; blood characteristics M and N, 390
Blood—Continued
transfusion; hemolytic transfusion reaction produced by blood of "universal donor," 827
transfusion; high titer of agglutinins in serum of dangerous universal donor, 530
transfusion; nephrosis with uremia following transfusion of incompatible blood, 100
transfusion; reaction following intra-group blood transfusion, 99
transfusion; severe myocarditis of unknown etiology, 512
transfusion; titers of iso-agglutinins in serum disease, in leukemia and after blood transfusion, 838
ultraviolet spectrophotometry of biologic fluids; blood plasma following immunization to alpha crystalline lens protein; tetanus and diphtheria antitoxic serum, *454
vessels; allergic vascular reactions in local inflammatory processes, 92
vessels; pathologic changes in tissues of dog following injections of rattlesnake venom, *43
vessels; significance of Loeschke's perivascular sheaths, 91
vessels; subendothelial mesenchyme of arteries in tuberculous meningitis, 675
Boeck's Sarcoid: See under Sarcoid
Bones, cancer; reaction of bone to invasion by carcinoma, 683
Diseases: See Osteitis; etc.
effect of experimental reduction of kidney substance on parathyroid glands and skeletal tissue, 665
growth; experiments on theory of osteogenesis, 84
histology in osteosclerosis fragilitis, 253
increased phosphatase activity of bone at sites of osteoplastic metastases secondary to carcinoma of prostate gland, 394
influence of endocrine glands on skeletal system, 248
interrelationships of osteogenic tumors, 694
longitudinal overgrowth of long bones with reference to fractures, 378
Marble: See Osteosclerosis fragilis
marrow; criticism of sternal puncture, 689
marrow; marked macrocytic anemia in "hemolytic jaundice" with findings in sternal bone marrow and spleen, 406
sarcoma in osteitis deformans, 109

Book Reviews:
Avitaminoses: Chemical, Clinical and Pathological Aspects of Vitamin Deficiency Diseases; W. H. Eddy and G. Dalldorf, 409
Bacteriology of Specific Communicable Diseases: Handbook of Public Health Bacteriology; General Information Regarding Epidemiology, Collection and Shipment of Specimens, and Bacteriologic, Serologic and Chemical Procedures, 1937; edited by M. S. Marshall, 279
Christian R. Holmes, Man and Physician; M. Fischer, 700
Clinical Parasitology; C. F. Craig and E. C. Faust, 841
Clio medica: Pathology; E. B. Krumbhaar, 700
Endocrines in Obstetrics and Gynecology; R. Kurzrok, 536
Fluorine Intoxication: Clinical-Hygienic Study, with Review of Literature and Some Experimental Investigations; K. Roholm, 278
Groupo indeterminado de las affectiones malignas de los ganglios linfaticos (linfogranulomatosis atipica); N. P. Duany, 279
Histochimie animale: Méthodes et problèmes; L. Lison, 278
Hormone folliculaire en physiologie normale et pathologique; étude expérimentale clinique et thérapeutique; H. Simonnet, 701
Lung; W. S. Miller, 132
Patient and Weather; W. F. Petersen and M. E. Milliken, 408, 840
Perméabilité en physiologie et en pathologie générale; E. Gellhorn and J. Regnier, 534
Précis de médecine coloniale; C. Joyeux and A. Sicé, 701

Book Reviews—Continued
Surgical Pathology of Thyroid Gland; A. E. Hertzler, 535
Therapeutic Problem in Bowel Obstructions; O. H. Wangensteen, 841

Books received, 134, 280, 410, 702, 842
Bordet-Gengou Bacillus: See Whooping Cough
Brain: See also Cerebellum; Corpus Callosum; Dura Mater; Hypothalamus; Meninges; Nervous System; etc.
abnormalities; absence of septum pellucidum, 694
anaphylaxis in Macacus rhesus, 259
arteriovenous hamartoma of; report of case with autopsy, *223
atrophy, cortical, in dementia paralytica, 819
blood supply; congenital aneurysm of circle of Willis; report of case, 128
blood supply; vasodilation in pia following stimulation of geniculate ganglion, 815
cerebral frontal agenesis in epilepsy, 380
changes in delayed death after hanging and carotid ligation, 383
changes in puerperal eclampsia, 251
cysts, paraphysial, 511
cyto-architectonic alterations in fatal injury to head, 670
deposition of urea in brain in diphtheria, 675
hemorrhage into floor of fourth ventricle in intoxications and inflammations of brain, 382
hernia; diffuse mesothelioma of leptomeninges associated with cortical and ventricular glial hernias; clinical-pathologic study and report of case, *497
histology in experimental hyperinsulinism, 838
local anaphylactic lesions in guinea-pigs, 827
of infants and children in relation to postmortem time, 511
pathology; lead gangrene and encephalopathy, 673
pathology; origin of senile plaques in cerebral cortex, 250
reaction in guinea-pigs infected with endemic typhus, epidemic (European) typhus and Rocky Mountain spotted fever, eastern and western types, 95
tumors; acute hemorrhagic encephalitis associated with medulloblastoma, *52
tumors; tuberculous meningitis in relation to tuberculoma, 697
Bratley, F. G.: Primary carcinoma of jejunum, 20 cm. from suspensory muscle of Treitz, 275
Breast, cancer; amino-acid lysine as factor in malignant growth, 525
cancer; antagonism to development of malignant growth in 2 different organs, 684
cancer; effect of glutathione on malignant growth, 525
cancer; effect of oil of wintergreen on spontaneous carcinoma in mice, 681
cancer; evidence for endocrine factor in mammary tumors, 107
cancer; experimental production of malignant growths in mice by estrogenic chemicals, 108
cancer; metastatic tumor of breast, 684
cancer; possible effect of oil of gaultheria in diet of mice susceptible to spontaneous carcinoma of mammary gland, 524
cancer; relation of functional activity to mammary carcinoma in mice, 108
carcinoma in homologous twins, 393
inflammation; etiology of plasma cell mastitis, 399
influence of blockage of nipple in mammary tumor in mouse, 107
influence of hormones on hyperplasia and neoplastic growth of breast in white rats, 106
response of mammary gland to ovarian hormones, 526
testicular tumors associated with mammary, prostatic and other changes in cryptorchid dogs, 394
Breedis, C.: Attempts at cultivation of viruses producing leukosis in fowls, *281
Bright's Disease: See Nephritis
Bronchi, bronchiogenic carcinoma simulating pulmonary tuberculosis with metastases to arterial mesocardium, 113
Brucella Abortus: See Bacteria, abortus and melitense group
Brucellosis: See Undulant fever
Bucher, C. J.: Cultivation and classification of yeastlike fungi, 114
Bulbo-Urethral Glands: See Cowper's glands
Bunim, J. J.: Auricular thrombosis in rheumatic heart disease, *344
Buttocks, reticulo-endothelioma of gluteal region, 526

Cadavers, method for restoring body after autopsy, 529
Calcification: See also Bones, growth; Heart; Teeth; etc.
chronic destruction of kidney and parathyroid hyperplasia, 89
Calcium, comparative chemical and histologic examination of aorta for calcium content, 255
content of arteriosclerotic aorta, 675
in Blood: See Blood, calcium
Calvarium: See under Cranium
Cancer: See also Adenocarcinoma; Sarcoma; Tumors; etc.; and under names of organs and regions, as Appendix; Bladder; Bones; Breast; Liver; Lungs; Peritoneum; Seminal Vesicles; Uterus; etc.
and trichinosis, 528
carcinogenic action of certain estrogenic hormones, 830
carcinogenic action of radium in rabbit, 395
cells; blood pressure-raising substance in carcinoid, 670
cells; nuclear sizes in growth disturbances and neoplasms, 524
diagnostic reaction for, 527
extrachromosomal influence in tumors in mice, 107
family of Warthin, 105
further quantitative methods for study of transplantable tumors, 393
hemoglobin levels corresponding to various degrees of susceptibility to spontaneous tumors, 107
importance of statistical investigations in campaign against, 831
medicolegal aspects of, 527
metastases; fate of intravenously injected tumor cells, 106
new commission to study cancer, 814
newly formed lymph vessels in carcinomatous peritoneal implants, 88
relation of virus causing rabbit papillomas to cancers deriving therefrom, 682
relations between human cancer and tuberculosis, 396
research in cancer field, 83
serologic reactions obtained with virus causing rabbit papillomas which become cancerous, 682
studies in carcinogenesis, 392
Capillaries: See also Blood vessels
capillary supply in normal and hypertrophied hearts of rabbits, 819
mechanism of increased capillary permeability in inflammation, 247
regeneration of capillary basement membrane, 254
Carbohydrates: See also Glycogen; etc.
antigenic polysaccharide of Ascaris lumbricoides (from hog), 828
availability of specific pneumococcic antibody after intravenous, intramuscular and subcutaneous injections, 389
chemo-immunologic studies on conjugated carbohydrate-proteins, 387
complement fixation with pneumococcic capsular polysaccharide, 517
direct fermentation of disaccharides and variation in sugar utilization by Streptococcus thermophilus, 516
immunologic specificity of staphylococci, 388
polysaccharide complex and variants of Vibrio cholerae, 103
quantitative studies on antibody purification, 517
somatic C polysaccharide of pneumococcus, 823
Carbon Monoxide in Blood: See Blood, carbon monoxide

Carcinoid: See Cancer, cells
Carcinoma: See Cancer
Cardia: See under Stomach
Cardiovascular System: See also Arteries; Blood vessels; Heart; etc.
roentgen-kinematographic studies of effects of electrical currents on respiration and circulation of animals, 818
Carey, E. J.: Wave mechanics of protoplasmic action; experimental acute traumatic syringomyelia, *419
Wave mechanics of protoplasmic action; experimental histology of nerve fibers, *325
Carotene, experimental carotenosis and yellow discoloration of skull in diabetes, 668
Cecum, monocytic leukemia with myeloid hyperplasia and localized tumor formation, 393
Cells: See also Cancer, cells; Neuroglia; Phagocytes and Phagocytosis; Tissue; etc.
cellular reactions during primary infections and superinfections of Plasmodium brasilianum in Panamanian monkeys, 385
cytology of ovarian tumors, *1
division; analysis of mitosis in liver restoration, 819
further quantitative methods for study of transplantable tumors, 393
giant; megakaryoblastic myeloma with crystalline protein in renal tubules, 402
inclusions: certain cytoplasmic inclusions of liver cells, 250
inclusions, intranuclear, in kidney and liver caused by lead poisoning, 89
nuclear sizes in growth disturbances and neoplasms, 524
Permeability: See Osmosis and Permeability
so-called atrophy of adrenal cortex with intranuclear inclusions, 88
Centrifuge: See Laboratories, apparatus
Cerebellum, metastases of intracranial tumors, 263
Cervix: See under Uterus
Chest: See Thorax
China and Chinese, statistical study of 2,179 tumors in Chinese, 685
Cholangeitis: See Bile Ducts, diseases
Cholanthrene; studies in carcinogenesis, 392
Cholecystitis: See under Gallbladder
Cholera, vibrio; polysaccharide complex and variants of Vibrio cholerae, 103
Cholesterol: See also Lipoids
cholesterol-induced arteriosclerosis in rabbits with variations due to altered status of thyroid, *612
experimental atherosclerosis on hyperergic basis, 87
Chondroma, pulmonary, 527
Choriomeningitis: See Meningitis
Chromaffin: See under Bile Ducts
Chromatophores: See Melanin, pigmentation
Chylothorax; chylous effusions produced by experimental ligation of superior vena cava; chemical and cytologic studies, *303
Clark, E.: Endocardial, arterial and other mesenchymal alterations associated with serum disease in man, *458, 695
Climate and Streptococcus-rheumatism relationship, 824
Cold, auto-agglutination under influence of, 105, 680
Colds: See Respiratory Tract, diseases
Colon, cancer; postoperative Bacteroides infection following operation for cancer of colon, 823
Congo Red: See Reticulo-Endothelial System
Connor, C. L.: Anatomic changes produced by thyroid feeding and by injection of 3,5-diiodotyrosine, *315
Constitution, conception and susceptibility to disease, 267
Convulsions: See also Epilepsy
brains of infants and children in relation to postmortem time, 511
Cooper, P.: Changes in pituitary gland following total thyroidectomy, *443
Cooper, Z. K.: Histologic study of nuclei in squamous cell carcinoma of uterine cervix, *476
Coronary Arteries: See Arteries, coronary
Corpus Callosum, primary degeneration (Marchiafava's disease), 380
Corynebacteria: See Bacteria, corynebacteria
Coryza: See Respiratory Tract, diseases
Covell, W. P.: Effects of paralytic shell-fish poison on nerve cells, *411
Cowper's glands, changes induced by estrogenic substance in bulbo-urethral gland of male mouse, 817
Cramer, C.: Acute hemorrhagic encephalitis associated with medulloblastoma, *52
Crane, A. R.: Primary multilocular mycotic aneurysm of aorta, *634
Cranium: See also Frontal Bone
calvarial hyperostosis, 250
experimental carotenosis and yellow discoloration of skull in diabetes, 668
metastases of intracranial tumors, 263
yellow discoloration of skull in diabetes, 672
Crew, R. S.: Mycotic aneurysm and subacute bacterial aortitis, associated with severe chronic rheumatic heart disease, 112
Crime and Criminals, value of blood group determinations, 396
Crystalline Lens: See Lens, Crystalline
Cunningham, R. S.: Chylous effusions produced by experimental ligation of superior vena cava; chemical and cytologic studies, *303
Cushing Syndrome: See under Pituitary Body
Cysts: See under names of organs and regions, as Brain; Heart; Pineal Gland; etc.

Dalldorf, G.: Epithelial metaplasia; experimental study, *486
Davidsohn, I.: Titers of iso-agglutinins in serum disease, in leukemia and after blood transfusion, 838
Death, causes in new-born infants, 404
in course of asthmatic crisis, 91
Deficiency Diseases, pathologic changes resulting from vitamin deficiency, 512
de la Chapelle, C. E.: Auricular thrombosis in rheumatic heart disease, *344
Dementia Paralytica, cortical atrophy in, 819
Dermatitis, intracutaneous resorption of fats and lipoids, 87
Diabetes Insipidus, resistance to posterior pituitary in, 817
Diabetes Mellitus, diabetic coma and acute pancreatitis with fatty liver, 819
experimental carotenosis and yellow discoloration of skull in diabetes, 668
staphylococcic toxoid in treatment of, 103
yellow discoloration of skull in, 672
Diathermy, benign subcutaneous lipogranuloma developing after diathermy, traumatism or hypodermic injections, 381
Dick Test: See Scarlet fever
Diet and Dietetics: See also Vitamins
effect of deficient diet, with and without extraction of teeth, on dentition of guinea-pig, 85
relation to occurrence of gastric lesions in rat, 84
Digestive Tract: See Gastro-Intestinal Tract; Intestines; Stomach; etc.
Digitalis, anatomic changes in hearts of dogs and frogs poisoned by glucosides of digitalis group, 249
Diiodotyrosine: See Iodine and Iodine Compounds
Diphtheria, bacilli; different forms of Corynebacterium diphtheriae and their significance, 257
bacilli; serologic types among gravis strains of Corynebacterium diphtheriae and their distribution, 261
deposition of urea in brain in, 675
genesis, with regard to virulence of types of diphtheria bacilli, 97
immunity; course of passive immunity after treatment with anti-diphtheria horse serum, 523
immunizing properties of undiluted and diluted diphtheria formol-toxoid, 103
nonidentity of antigenic and antitoxic groups in diphtheria antitoxin, 102
ultraviolet spectrophotometry of biologic fluids; blood plasma following immunization to alpha crystalline lens protein; tetanus and diphtheria antitoxic serum, *454
Disease; conception, constitution and susceptibility to disease, 267
studies in endemiology (periodicity in sun spots and in mortality), 404
Dolgopol, V. B.: Absence of septum pellucidum, 694
Donors: See Blood transfusion

Drowning, diagnosis of death by drowning through demonstration of plankton organisms in lungs and duodenum, 833
Ductus arteriosus; thrombosis of patent ductus arteriosus associated with septicemia due to Streptococcus viridans, 399
Dunn, F. L.: Ultraviolet spectrophotometry of biologic fluids; blood plasma following immunization to alpha crystalline lens protein; tetanus and diphtheria antitoxic serum, *454
Duodenum, histologic changes in dog's pancreas under influence of secretin and of extract of duodenal mucosa, 381
Dura Mater, constituent elements of metastatic adenocarcinoma of; role of microglia, 526
Dusts, influence on tuberculous infection; susceptibility of subcutaneous lesions produced by dusts to infection by tubercle bacilli injected intravenously, *8
Dyes: See also Stains and Staining
localization of antibodies and colloidal dye in inflammatory areas, 389
papilloma and carcinoma of bladder in dye workers, 109
Dysentery, Amebic: See Amebiasis
bacilli; characteristics of small colony variants with reference to Shigella paradysenteriae Sonne, 676
bacilli, infection of urinary tract with, 272
beneficial action of glycerin on Bacterium dysenteriae in dysenteric stools, 386
Dystrophy, muscular; blood and tissues in nutritional muscular dystrophy, 666

Eberthella Dysenteriae Sonne: See under Dysentery
Eck Fistula: See Portal Vein
Eckert, C. T.: Histologic study of nuclei in squamous cell carcinoma of uterine cervix, *476
Eclampsia, puerperal, changes in brain in, 251
relation of basophilic cells of neurohypophysis to hypertension and eclampsia, 674
Ectromelia, cultivation of virus on chorioallantoic membrane of hen's eggs, 97
Edema, cutaneous lymphatics under normal and pathologic conditions, 816
Electricity; electric and heat marks, 397
Embolism: See also Thrombosis
increasing incidence in relation to age, 253
increasing incidence of fatal thrombotic pulmonary embolism, 821
postpartum air embolism, 270
pulmonary infarcts of embolic origin, 90
Encephalitis: See also Encephalomyelitis
acute hemorrhagic, associated with medulloblastoma, *52
effect of partial immunity on reaction of white mice to virus of encephalitis B (St. Louis), 390
Encephalomyelitis, effect of virus of louping ill on developing egg, 96
equine, active immunization of guinea-pigs with virus, 517
protective action of nasally instilled immune serum against infection with certain neurotropic viruses introduced by way of nose, 101
similarities between some forms of "encephalomyelitis" and multiple sclerosis, 251
Endocarditis, experimental, *143
gunshot wound in heart resulting in subacute bacterial endocarditis, 673
syphilitic, of aortic valve, 672
tuberculous vegetative, superimposed on active chronic rheumatic heart disease, 398
tuberculous verrucose, 251
Endocrine Glands: See also Hormones
differential cell counts of pituitary gland in hypertension and endocrine disturbances, 89
influence on skeletal system, 248
Endometrium, endometriosis in musculature of arm, 673
Endothelioma, primary, of pericardium, 685
Endothelium: See Reticulo-Endothelial System
Enteritis: See Amebiasis; Dysentery; Intestines; etc.
Eosinophilia in malignant tumors, 526
Epilepsy: See also Convulsions
calcium content of blood serum during epileptic convulsion, 255
cerebral frontal agenesis in, 380
Epituberculosis: See Tuberculosis, pulmonary
Erdheim, Jakob, 377
Erythema nodosum, meningeal reactions in, 830
Erythrocytes: See also Anemia; Hemoglobin and Hemoglobin Compounds; Hemolysis; etc.
absorption of heterophil hemagglutinin by beef corpuscles, 98
reticulocytes of rabbit, 689
Esophagus; hemorrhagic esophagitis, 672
Essex, H. E.: Pathologic changes in tissues of dog following injections of rattlesnake venom, *43
Estrin: See Hormones, sex
Estrogenic Substances: See Estrogens; Hormones, sex
Estrogens: See also Hormones, sex; Ovary, hormone
carcinogenic action of certain estrogenic hormones, 830
changes induced by estrogenic substance in bulbo-urethral gland of male mouse, 817
Ettleson, A.: Diffuse mesothelioma of leptomeninges associated with cortical and ventricular glial hernias; clinical-pathologic study and report of case, *497
Exanthems, spotted fever; fièvre boutonneuse, 256
Eyes and nervous system in leishmaniasis, 825
barium in eye and in melanotic tumors, 256
Color of: See Iris, pigmentation
physiologic response of prostatic and vesicular tissue transplanted into anterior chamber of eye, 119

Fat: See also Lipoids
intracutaneous resorption of fats and lipoids, 87
Feces, beneficial action of glycerin on Bacterium dysenteriae in dysenteric stools, 386
Feil-Klippel Syndrome: See Spine, abnormalities
Feldman, W. H.: Development of local cellular reaction to tuberculin in sensitized calves, *599
Felix-Weil Reaction: See Rocky Mountain Spotted Fever
Fellowships, medical, 814
Femur, multiple myeloma; report of case, 128
Ferris, H. W.: Comparative histology of yaws and syphilis in Jamaica, *703
Fetus, problem of heterospecific pregnancy, 681
Fever: See Malaria; Typhoid; Typhus; etc.
Boutonneuse: See Exanthems
Undulant: See Undulant fever
Fibrin, hemolytic streptococci and antistreptococcic serums, 104
Fibro-adenoma, influence of hormones on hyperplasia and neoplastic growth of breast in white rats, 106
Fibroblasts: See Tissue, connective
Fibroma, transformation of virus of rabbit fibroma (Shope) into that of infectious myxomatosis (Sanarelli), 533
Fibromyxoma of tendon of psoas minor, 527
Fienberg, R.: Talcum powder granuloma, *36
Finn, J. L.: Thrombosis of patent ductus arteriosus associated with septicemia due to Streptococcus viridans, 399
Fiske, F. A.: Primary carcinoma of liver cells with peritoneal metastasis, *58
Fistula, Eck's: See Portal Vein
Fitch, C. P.: Development of local cellular reaction to tuberculin in sensitized calves, *599
Fluids, biologic, ultraviolet spectrophotometry of; blood plasma following immunization to alpha crystalline lens protein; tetanus and diphtheria antitoxic serum, *454
Food poisoning, staphylococcic, 94
Foote, M. N.: Case of bacteremia due to Bacillus welchii with spontaneous extrusion of completely infarcted spleen following appendectomy with recovery, 695
Forehead, Kaposi's sarcoma; 2 solitary nodules in scalp and forehead, 690
Foreign Bodies in appendix, 271
in heart, 268
Fowl pox, immunologic relationship between Kikuth's canary virus and fowl pox, 103
Fox, H.: Arthritis in infrahuman primates, 532

Frambesia, comparative histology of yaws and syphilis in Jamaica, *703
Frontal Bone, incidence of metopism in northern Naronia and Silesia, 382
Fungi: See also Actinomycosis; Mycosis; Ringworm; etc.
chemical studies on crystalline proteins of virus of tobacco mosaic, 114
cultivation and classification of yeastlike fungi, 114
Furth, J.: Attempts at cultivation of viruses producing leukosis in fowls, *281

Gallavan, M.: Reactivation of primary tuberculous complex as source of tuberculous reinfection, *201
Gallbladder: See also Bile Ducts; Biliary Tract
infarcts and infarction of, 91
Gandy-Gamna Nodules: See under Liver; Stomach
Ganglion: See also Nervous System; Neurons
effect of stellate ganglionectomy on cardiac function of intact dogs, 84
vasodilation in pia following stimulation of geniculate ganglion, 815
Ganglioneuroma of vermiform appendix; histologic study of case, *786
Gangrene; lead gangrene and encephalopathy, 673
Gardner, W. U.: Influence of estrogenic substances in stimulation of abnormal growths, 400
Gastric Ulcers: See Peptic Ulcer
Gastro-Intestinal Tract: See also Colon; Intestines; Stomach; etc.
involvement in leukemia and similar disorders, 821
Gaultheria Oil: See under Salicyl Compounds
Glia: See Neuroglia
Globin: See Hemoglobin and Hemoglobin Compounds
Glutathione, effect on malignant growth, 525
Glycerin, beneficial action on Bacterium dysenteriae in dysenteric stools, 386
Glycogen in human testicle, 820
relative glycogen content of myocardium and cardiac conduction system, 256
Gonadotropic Substances: See Hormones, sex
Gonads: See Endocrine Glands; Hermaphroditism; Ovary; Testicles
Gonococci, bactericidal action of serum against meningococcus, gonococcus and Micrococcus catarrhalis, 389
infections, diagnosis by cultural method, 110
Grady, H. G.: Tuberculous vegetative endocarditis superimposed on active chronic rheumatic heart disease, 398
Graef, I.: Auricular thrombosis in rheumatic heart disease, *344
Pulmonary reactions to aspirated lipids, 122
Granuloma, talcum powder granuloma, *36
Gray, M. E.: Chylous effusions produced by experimental ligation of superior vena cava; chemical and cytologic studies, *303
Greene, C. W.: Acute and chronic polymyositis, 273
Gross, L.: Rheumatic commissural lesions and their relation to so-called congenital bicuspid aortic valve of adult, 117
Growth, nuclear sizes in growth disturbances and neoplasms, 524
Gunn, F. D.: Changing concepts in lobar pneumonia, 835
Megakaryoblastic myeloma with crystalline protein in renal tubules, 402

Haemophilis Pertussis: See Whooping Cough
Hamartoma, arteriovenous, of brain; report of case with autopsy, *223
Hamby, W. B.: Ependymal cyst of cervicodorsal region of spinal cord, 406
Hanging, cerebral changes in delayed death after hanging and carotid ligation, 383
Haptens: See Lipoids
Harmon, P. H.: Correlation between pathologic changes and isolations of virus in 1936 epidemic of poliomyelitis in Chicago, 403
Harrison, F. F.: Reticulum cell sarcoma; report of 2 cases, 130
Thoracic lymphoblastoma in child, 129
Hawthorne, J. J.: Tuberculosis of myocardium; report of 2 cases, 115
Head, cyto-architectonic alterations of brain in fatal injury to head, 670
Heart: See also Cardiovascular System; Endocarditis; Myocarditis; etc.
abnormalities; morphologic significance and development of malformations of human heart, 252
amyloidosis of lungs and heart, 511
anatomic changes in dogs and frogs poisoned by glucosides of digitalis group, 249
aortic stenosis, atresia and adult coarctation in triloculate heart, 837
blood cysts in human cardiac valves, 671
bronchiogenic carcinoma simulating pulmonary tuberculosis with metastases to arterial mesocardium, 113
calcification, massive, of myocardium, 249
changes in capillaries of myocardium in experimental epinephrine sclerosis, 379
cutaneous lymphatics under normal and pathologic conditions, 816
effect of stellate ganglionectomy on cardiac function of intact dogs, 84
endocardial, arterial and other mesenchymal alterations associated with serum disease in man, *458, 695
foreign body in, 268
gunshot wound resulting in subacute bacterial endocarditis, 673
hypertrophy; capillary supply in normal and hypertrophied hearts of rabbits, 819
pathology; basophilic degeneration of cardiac muscle fibers, 820
relative glycogen content of myocardium and cardiac conduction system, 256
tuberculosis of myocardium; report of 2 cases, 115
Heat, effect of heat inactivation on reactivity of serum, 676
histochemical detection of metals in current marks, 397
Heilbrun, N.: Marked macrocytic anemia in "hemolytic jaundice" with findings in sternal bone marrow and spleen, 406
Heilbrunn, G.: Histology of brain in experimental hyperinsulinism, 838
Hemagglutinins: See Blood, groups
Hemangioblastoma, multiple hereditary, of nervous system, 108
Hemangio-endothelioma, malignant, 685
Hemato-Encephalic Barrier: See Meninges, permeability
Hematopoietic System: See Blood, formation; Erythrocytes; Leukocytes
Hematoxylin: See Stains and Staining
Hemendothelioma, malignant mesenchymal, 692
Hemoglobin and Hemoglobin Compounds: See also Anemia; Blood; Erythrocytes; Hemolysis
hemoglobin levels corresponding to various degrees of susceptibility to spontaneous tumors, 107
Hemolysin; absorption of hemolysins and agglutinins, 681
bacterial, demonstration in experimental and natural infections, 405
blood characteristics M and N, 390
hemolytic streptococci and antistreptococcic serums, 104
studies on staphylococci, 98
Hemolysis, hemolytic transfusion reaction produced by blood of "universal donor," 827
Hepatic Duct: See Bile Ducts
Hepatoma, benign, in mice of CBA strain, 105
successful transplantation in mice, 264
Hermaphroditism, examples of different types of, 669
true, case of, 513
Histamine, mechanism of increased capillary permeability in inflammation, 247
Hodgkin's Disease: See Lymphogranuloma
Holman, R. L.: Tuberculosis of myocardium; report of 2 cases, 115
Hormones: See also Endocrine Glands; and under names of organs, as Ovary, hormone; etc.
influence on hyperplasia and neoplastic growth of breast in white rats, 106
sex; does gonadotropic hormone induce antibodies or antihormones? 827
sex; effects of estrogenic substance on prostate and uterus masculinus in various species of primate, 666
sex; epithelial metaplasia; experimental study, *486

Hormones—Continued
sex; evidence for endocrine factor in mammary tumors, 107
sex; experimental production of malignant growths in mice by estrogenic chemicals, 108
sex; influence of estrogenic substances in stimulation of abnormal growths, 400
sex; physiologic response of prostatic and vesicular tissue transplanted into anterior chamber of eye, 119
sex; specificness of gonadotropic hormones and of antiserums against them, 391
sex; tumor of pituitary gland induced with follicular hormone, 685
Hosterman, O.: Infection of urinary tract with dysentery bacilli, 272
Hueper, W. C.: Effects of several chemical agents on testes of some experimental animals, 114
Hunter, W. C.: Fatal nicotine poisoning; report of 24 cases, *481
Hyman, I.: Ependymal cyst of cervicodorsal region of spinal cord, 406
Hyperergy: See Anaphylaxis and Allergy
Hypernephroma, vaginal metastases from, 263
Hyperproteinemia: See Blood, proteins
Hypersensitiveness: See Anaphylaxis and Allergy
Hypertension: See Blood pressure, high
Hypophysis: See Pituitary Body
Hypothalamus: See also Pituitary Body
effects of sodium amytal and other drugs on reactivity of hypothalamus of cat, 815

Icterus: See Jaundice
Immunity: See also Anaphylaxis and Allergy; Antigens and Antibodies; Diphtheria, immunity; Serum, immune; Streptococci; Tuberculosis; etc.
experimental production of vascular lesions and hemorrhage in lymph nodes, 120
group-specific agglutinins for human cells in rabbit serums, 260
immunogenetic studies of species and species hybrids in doves, 679
mechanism of inflammation, *65, 125
nature and origin of hemorrhagic necrotic lesions of skin caused by bacteria and bacterial products, 272
Indians, American; blood grouping of mummies, 259
American; iso-antigens in saliva, 259
blood grouping of upper Aucaner Bush Negroes and Alukuyana Indians in Dutch Guiana, 519
Industrial Diseases, clinico-anatomic and spectrographic investigation of central nervous system in acute metal poisoning, 833
investigations on respiratory dust disease in operatives in cotton industry, 378
papilloma and carcinoma of bladder in dye workers, 109
pneumonoconiosis developing after 14 months' use of sand blast, 274
Infants, new-born, causes of death in, 404
Infection: See also Bacteremia; Immunity; Septicemia; and under names of bacteria, as Gonococci; Streptococci; etc.
bacterial, effect of mucin on, 384
demonstration of bacterial hemolysin in experimental and natural infections, 405
peculiar granules in cells of liver and adrenal in, 671
problem presented by bacterial invasion of chorio-allantoic membrane of chick embryos, 822
Infectious Diseases: See Diphtheria; Infection; Pneumococci; Typhoid; etc.
Inflammation, allergic vascular reactions in local inflammatory processes, 92
localization of antibodies and colloidal dye in inflammatory areas, 389
mechanism of, *65, 125
mechanism of increased capillary permeability in, 247
Influenza, etiology of, 825
immunization experiments with virus of swine influenza, 388
neutralizing antibodies for virus of human influenza in serum or persons with histories of influenza, 99
pathogenicity and immunizing power of egg virus for ferrets and mice, 829
susceptibility of swine to virus of human influenza, 514
Influenza—Continued
transmission of virus to hedgehogs, 677
virus of, 384
Ingleby, H.: Etiology of plasma cell mastitis, 399
Instruments: See Apparatus
Insulin: See also Diabetes Mellitus
histology of brain in experimental hyperinsulinism, 838
Internal Secretions: See Endocrine Glands
Intervertebral Disks: See under Spine
Intestines: See also Colon; Duodenum; Gastro-Intestinal Tract
changes in mice after various modes of infection with Bacillus enteritidis Breslau, 97
colonization of colon bacilli in intestines of mice, 98
diverticula; carcinoma of Meckel's diverticulum; report of case, *791
diverticula; histologic study of Meckel's diverticulum, 670
hydropic degeneration of intestinal smooth muscle, 253
obstruction, fatal, due to biliary calculus, 128
Paneth cell, 818
parasites; balantidiasis in man followed by granulomatous myocarditis, 90
primary carcinoma of jejunum, 20 cm. from suspensory muscle of Treitz, 275
Intranuclear Inclusions: See Cells
Iodine and Iodine Compounds, anatomic changes produced by thyroid feeding and by injection of 3,5-diiodotyrosine, *315
Iris, pigmentation; linkage relation of allergic disease, blood groups, M-N types and eye color in man, 829
Iron, microtechnical demonstration of 675
Irradiation: See Radium; Roentgen Rays; and under names of diseases and organs
Iso-Agglutination: See Blood, groups
Iso-Agglutinins: See Blood, groups

Jacobson, S. A.: Interrelationships of osteogenic tumors, 694
Jaundice, marked macrocytic anemia in "hemolytic jaundice" with findings in sternal bone marrow and spleen, 406
spirochetal; complement fixation test in Weil's disease, 104
Jaws, effect of deficient diet, with and without extraction of teeth, on dentition of guinea-pig, 85
Jejunum: See Intestines
Jessup, D. S. D.: Kaposi's sarcoma; 2 solitary nodules in scalp and forehead 690
Joints, metabolism of joint tissues, 666
Jurisprudence, Medical: See also Crime and Criminals
blood grouping in New York courts, 686
clinico-anatomic and spectrographic investigation of central nervous system in acute metal poisoning, 833
medicolegal aspects of cancer, 527

Kaplan, B. I.: Endocardial, arterial and other mesenchymal alterations associated with serum disease in man, *458, 695
Kaposi's Sarcoma: See Sarcoma
Kellert, E.: Cirrhosis of liver in child, 127
Kidneys: See also Urinary Tract
cutaneous lymphatics under normal and pathologic conditions, 816
Diseases: See also Nephritis
diseases; experimental renal lesions and blood pressure in rabbits, 817
effect of experimental reduction of kidney substance on parathyroid glands and skeletal tissue, 665
experimental renal hypertension, 665
hyperplasia of parathyroid glands secondary to renal insufficiency; report of case, *30
intranuclear inclusions in kidney and liver caused by lead poisoning, 89
megakaryoblastic myeloma with crystalline protein in renal tubules, 402
pathogenesis of acute diffuse nephritis; experimental study of allergic localization in kidney, 510
tumors, malignant, eosinophilia in, 526
tumors; renal adenoma, 108
tumors; vaginal metastases from hypernephroma, 263
Klippel-Feil Syndrome: See Spine, abnormalities

Knee, effect of staphylococcus toxin on knee joints of rabbits, *215
Koch's Bacillus: See Tubercle Bacilli
Kofoid, C. A.: Relation of paralytic shell-fish poison to certain plankton organisms of genus Gonyaulax, *537
Kolmer, J. A.: Active immunization against acute anterior poliomyelitis with ricinoleated vaccine, 275
Koplik, L. H.: Experimental production of vascular lesions and hemorrhage in lymph nodes, 120
Kozlelek, V.: Certain features of retrogressive changes of tubercles, 401

Labby, D. H.: Cholesterol-induced arteriosclerosis in rabbits with variations due to altered status of thyroid, *612
Labia Majora: See Vulva
Laboratories, apparatus; high speed vacuum centrifuge suitable for study of filtrable viruses, 529
Landau, A.: Influence of dusts on tuberculous infection; susceptibility of subcutaneous lesions produced by dusts to infection by tubercle bacilli injected intravenously, *8
Larynx, incidence of cancer of lung and larynx, 109
Lead gangrene and encephalopathy, 673
poisoning, intranuclear inclusions in kidney and liver caused by, 89
Lecithin: See Lipoids
Lee, J.: Avitaminosis; nerve degeneration in albino rats as studied by freezing-drying method and polarized light with deficiency of vitamin A or of vitamin B, *430
Legs, fractures; longitudinal overgrowth of long bones with reference to fractures, 378
Leiomyosarcoma of stomach grossly simulating carcinoma, 690
Leishmaniasis, eye and nervous system in, 825
Lens, Crystalline; ultraviolet spectrophotometry of biologic fluids; blood plasma following immunization to alpha crystalline lens protein; tetanus and diphtheria antitoxic serum, *454
Leprosy: International Leprosy Conference, 246
Leptomeninges: See Meninges
Leukemia, acute atypical miliary tuberculosis presenting picture of, 826
aleukemic reticulosis, 269
attempts at cultivation of viruses producing leukosis in fowls, *281
involvement of gastro-intestinal tract in leukemia and similar disorders, 821
leukemic reticulo-endotheliosis; report of case with autopsy, *626
monocytic, with myeloid hyperplasia and localized tumor formation, 395
specific antibodies against agent of chicken leukosis, 523
titers of iso-agglutinins in serum disease, in leukemia and after blood transfusion, 838
Leukocytes: See also Leukemia; Lymphocytes; Mononucleosis; Phagocytes and Phagocytosis; etc.
antileukocytic serum, 101
count; coronary aneurysms with thrombosis in rheumatic carditis; unusual occurrence accompanied by hyperleukocytosis in child, *369
leukemoid response of tuberculous rabbits to tuberculin, 826
Leukocytosis: See Leukocytes, count
Leukosis: See Leukemia
Levine, V.: Correlation between pathologic changes and isolations of virus in 1936 epidemic of poliomyelitis in Chicago, 403
Liber, A. F.: Chromium-hematoxylin stain for myelin in paraffin sections, *230
Lichtenstein, B. W.: Diffuse mesothelioma of leptomeninges associated with cortical and ventricular glial hernias; clinical-pathologic study and report of case, *497
Ganglioneuroma of vermiform appendix; histologic study of case, *786
Liebert, E.: Histology of brain in experimental hyperinsulinism, 838
Lipemia: See Blood, fats and lipoids
Lipids: See Blood, fats and lipoids; Fat; Lipoids
Lipogranulomatosis, benign subcutaneous lipogranuloma developing after diathermy, traumatism or hypodermic injections, 381
Lipoids: See also under Cholesterol; Fat; etc.
influence of lecithin and cholesterol on haptenic function of alcoholic extract, 680
intracutaneous resorption of fats and lipoids, 87
pulmonary reactions to aspirated lipids, 122
Liposarcoma produced by 1, 2-benzpyrene, 106
Lithopedion, changes in transplanted ectopic fetus, 668
Liver: See also Biliary Tract
analysis of mitosis in liver restoration, 819
atrophy; its relation to increased resistance, *738
benign hepatoma in mice of CBA strain, 105
cancer, primary, of liver cells with peritoneal metastasis, *58
certain cytoplasmic inclusions of liver cells, 250
cirrhosis in child, 127
cirrhosis, relation of certain chemical substances to production of, 400
diabetic coma and acute pancreatitis with fatty liver, 819
function and blood plasma protein formation, 816
intranuclear inclusions in kidney and liver caused by lead poisoning, 89
massive necrosis following intraportal administration of poisons, 820
peculiar granules in cells of liver and adrenal in infections, 671
siderofibrous nodules (Gandy and Gamna) of stomach and liver of traumatic origin, 514
successful transplantation of hepatoma in mice, 264
unrecognized postoperative infection, 95
Locallo, S. A.: Two cases of granulosa cell tumor of ovary, 692
Loeb, L.: Serial implantation of anterior lobes of bovine and human pituitary glands into guinea-pigs, *135
Loosli, C. G.: Interalveolar communications in normal and in pathologic mammalian lungs; review of literature, *743
Louping Ill: See Encephalomyelitis
Lungs: See also Respiration; Respiratory Tract; Thorax; etc.
amyloidosis of lungs and heart, 511
cancer; coal smoke soot and pulmonary tumors in mice, 264
cancer; generalized lymphatic carcinosis of lungs, 684
cancer; incidence of cancer of lung and larynx, 109
fate of cancer cells lodged in lung, 528
in subcutaneous immunization, 830
interalveolar communications in normal and in pathologic mammalian lungs; review of literature, *743
large exudate cells and "epithelium" of alveoli of lung, 671
nature and significance of structural changes in mitral stenosis, 249
nature of pulmonary alveolar lining, 381
permeability of lungs to antibodies, 260
pulmonary infarcts of embolic origin, 90
pulmonary reactions to aspirated lipids, 122
Tuberculosis: See Tuberculosis, pulmonary
tumors; pulmonary chondroma, 527
Lymph, experimental lymphogenous hyperergic appendicitis, 248
Lymph Nodes: See also Lymphogranuloma; etc.
experimental production of vascular lesions and hemorrhage in, 120
production of antibodies in, 391
Lymphatic System: See also Lymph Nodes
cancer; generalized lymphatic carcinosis of lungs, 684
cutaneous lymphatics under normal and pathologic conditions, 816
experimental lymphatic blockage, 815
newly formed lymph vessels in carcinomatous peritoneal implants, 88
Lymphoblastoma, thoracic, in child, 129
Lymphocytes: See also Leukemia; Leukocytes
count; etiology of plasma cell mastitis, 399
in Meningitis: See Meningitis
Lymphogranuloma: See also Granuloma
gibbus formation in vertebral Hodgkin's disease, 254
probable Hodgkin's disease in dog, 524
venereum; test for inguinal lymphogranuloma, 111
venereum; virus of inguinal lymphogranuloma, 678

Lymphoid Tissue, new formation in mycosis fungoides, 253
Lysine, amino-acid lysine as factor in malignant growth, 525
Lysins: See Bacteriophage; Hemolysin
Lysozyme, 829

MacCarty, W. C.: Cytology of ovarian tumors, *1
McCullough, K.: Epithelial metaplasia; experimental study, *486
Mahle, A. E.: Megakaryoblastic myeloma with crystalline protein in renal tubules, 402
Malaria, cellular reactions during primary infections and superinfections of Plasmodium brasilianum in Panamanian monkeys, 385
Malta Fever: See Undulant fever
Mammary Gland: See Breast
Mandible: See Jaws
Marble Bones: See Osteosclerosis fragilis
Marchiafava's Disease: See Corpus Callosum
Martinsen, W. L. M.: Incidence of extrapulmonary primary tuberculosis, 402
Mastitis: See Breast, inflammation
Maxillary Bone: See Jaws
Meckel's Diverticulum: See Intestines, diverticula
Medium: See under names of bacteria, i. e., Tubercle Bacilli; etc.
Medulloblastoma associated with acute hemorrhagic encephalitis, *52
metastases of intracranial tumors, 263
Meeker, L. H.: Leiomyosarcoma of stomach grossly simulating carcinoma, 690
Two cases of granulosa cell tumor of ovary, 692
Megakaryoblasts: See Cells, giant
Melanin, pigmentation: chromatophores in syringomyelic cavities, 381
Melanoma, barium in eye and in melanotic tumors, 256
Melchionna, R.: Physiologic response of prostatic and vesicular tissue transplanted into anterior chamber of eye, 119
Meltzer, T.: Tuberculous meningitis in relation to tuberculoma, 697
Meninges: See also Dura Mater; Pia Mater
diffuse mesothelioma of leptomeninges associated with cortical and ventricular glial hernias; clinical-pathologic study and report of case, *497
permeability; blood-spinal fluid barrier and anaphylactic antibodies, 521
permeability; passage of bacteriophage from blood to spinal fluid, 386
Meningitis: See also Meningococci
meningeal reactions in erythema nodosum, 830
pathologic changes due to virus of lymphocytic choriomeningitis, 386
persistence of virus of lymphocytic choriomeningitis in immune animals and its relation to immunity, 100
tuberculous, in relation to tuberculoma, 697
tuberculous, subendothelial mesenchyme of arteries in, 675
Meningococci: See also under Meningitis
bactericidal action of serum against meningococcus, gonococcus and Micrococcus catarrhalis, 389
experimental meningococcic infection in mouse, 93
meningitic myocarditis, 380
Menkin, V.: Mechanism of inflammation, *65, 125
Menne, F. R.: Cholesterol-induced arteriosclerosis in rabbits with variations due to altered status of thyroid, *612
Menstruation, cyclic changes in human vaginal mucosa, 247
Mesenchyme: See Mesoderm and Mesodermal Tissues
Mesoderm and Mesodermal Tissues, endocardial, arterial and other mesenchymal alterations associated with serum disease in man, *458, 695
malignant mesenchymal hemendothelioma, 692
subendothelial mesenchyme of arteries in tuberculous meningitis, 675
Mesothelioma, diffuse, of leptomeninges associated with cortical and ventricular glial hernias; clinical-pathologic study and report of case, *497
Metals, Poisoning: See Poisons and Poisoning
Metaplasia, epithelial; experimental study, *486
Methylcholanthrene, studies in carcinogenesis, 392
Metopism: See Frontal Bone
Meyer, K. F.: Paralytic shell-fish poisoning, *560
Micrococci: See Bacteria, micrococci
Microglia: See Neuroglia
Micro-Organisms: See Bacteria
Milk, staphylococcic food poisoning, 94
Miller, W. R.: Modification of Hall constricted tube for anaerobic culture, *64
Mitosis: See Cells, division
Mitral Valve, stenosis, nature and significance of structural changes in lungs in, 249
Monocytes: See Leukemia, monocytic; Mononucleosis
Mononucleosis, absorption of heterophil hemagglutinin by beef corpuscles, 98
acute infectious, with unidentified structures in supravital preparations of lymph nodes, 95
infectious, simple slide and tube tests for, 688
Moon, V. H.: Shock, its mechanism and pathology, *642, *794
Moore, R. A.: Physiologic response of prostatic and vesicular tissue transplanted into anterior chamber of eye, 119
Mucin: See Stomach, preparations
Müller's Duct, effects of estrogenic substance on prostate and uterus masculinus in various species of primate, 666
Mummies, blood grouping of, 259
Mummification, changes in transplanted ectopic fetus, 668
Muscles, Dystrophy: See Dystrophy, muscular
fibromyxoma of tendon of psoas minor, 527
hydropic degeneration of intestinal smooth muscle, 253
myoneural junction or motor plate in its normal state and in certain pathologic conditions, 90
relation of age and hypertension to structure of small arteries and arterioles in skeletal muscle, 379
wandering cell of smooth muscle origin, 92
waxy degeneration of muscle in calves due to avitaminosis C, 669
Museum, practical illuminated shelf for pathologic museum, *366
Mussels, effects of paralytic shell-fish poison on nerve cells, *411
paralytic shell-fish poisoning, *560
relation of paralytic shell-fish poison to certain plankton organisms of genus Gonyaulax, *537
Mycosis fungoides, new formation of lymphoid tissue in, 253
Myelin: See Nervous System
Myeloma, megakaryoblastic, with crystalline protein in renal tubules, 402
multiple, report of case, 128
Myocarditis, balantidiasis in man followed by granulomatous myocarditis, 90
epizootic streptococcic, in guinea-pigs, 677
meningitic, 380
severe, of unknown etiology, 512
Myocardium: See under Heart; Myocarditis
Myositis, acute and chronic polymyositis, 273
Myxomatosis, transformation of virus of rabbit fibroma (Shope) into that of infectious myxomatosis (Sanarelli), 533
Myxosarcoma, congenital atresia of tricuspid valve complicated by congenital myxosarcoma of labium majus, *777

Necropsies: See Autopsies
Nedzel, A. J.: Experimental endocarditis, *143
Negroes, blood grouping of upper Aucaner Bush Negroes and Alukuyana Indians in Dutch Guiana, 519
Neiman, B. H.: Foreign body in heart, 268
Nelson, A. A.: Hyperplasia of parathyroid glands secondary to renal insufficiency; report of case, *30
Neoplasms: See Tumors
Nephritis: See also Kidneys, diseases
chronic destruction of kidney and parathyroid hyperplasia, 89
experimental, in rats induced by injection of antikidney serum, 665
nephrosis with uremia following transfusion of incompatible blood, 100

Nephritis—Continued
pathogenesis of acute diffuse nephritis; experimental study of allergic localization in kidney, 510
primary lesion in phosphate nephritis, 381
Nephrosis: See Kidneys, diseases; Nephritis
Nerves, avitaminosis; nerve degeneration in albino rats as studied by freezing-drying method and polarized light with deficiency of vitamin A or of vitamin B, *430
Cells: See Neurons
splanchnic; experimental renal hypertension, 665
Tumors: See under names of tumors
wave mechanics of protoplasmic action; experimental acute traumatic syringomyelia, *419
Nervous System: See also Brain; Cerebellum; Nerves; Reflex; Spinal Cord; etc.
and eye in leishmaniasis, 825
chromium-hematoxylin stain for myelin in paraffin sections, *230
clinico-anatomic and spectrographic investigation of central nervous system in acute metal poisoning, 833
histology of vagus and sympathetic ganglions in typhus, 254
multiple hereditary hemangioblastoma of, 108
myelin sheath staining method, 111
role of parallergic reactions on, 512
Syphilis: See Syphilis
wave mechanics of protoplasmic action; experimental histology of nerve fibers, *325
Neter, E.: Demonstration of bacterial hemolysin in experimental and natural infections, 405
Infection of urinary tract with dysentery bacilli, 272
Production of hemorrhagic necrotic lesions of skin by means of bacteria, 271
Neurofibromatosis, association of chromaffin tumors with neurofibromatosis, 526
Recklinghausen's, 832
Neuroglia, constituent elements of metastatic adenocarcinoma of dura mater: role of microglia, 526
origin of senile plaques in cerebral cortex, 250
Neurohypophysis: See Pituitary Body
Neurons, effects of paralytic shell-fish poison on nerve cells, *411
Neurosyphilis: See Syphilis
Neurotropism: See Encephalomyelitis; Pseudorabies
Neutrons, comparative effects of roentgen rays and neutrons on normal and tumor tissue, 525
New-Born Infants: See Infants, new-born
Nickerson, D. A.: Boeck's sarcoid; report of 6 cases in which autopsies were made, *19
Nicolas-Favre's Disease: See Lymphogranuloma venereum
Nicotine, fatal poisoning; report of 24 cases, *481
Nippostrongylus: See Trichostrongylidae
Norris, E. H.: Leukemic reticulo-endotheliosis; report of case with autopsy, *626

Obituaries:
Erdheim, Jakob, 377

Occupational Diseases: See Industrial Diseases
Oil, benign subcutaneous lipogranuloma developing after diathermy, traumatism or hypodermic injections, 381
Old Age, increasing incidence of embolism in relation to age, 253
precocious senescence; sequel to cyst of pineal body, 668
Organs, changes experimentally induced by thyroxine, 379
Osmosis and Permeability, effects of osmotic pressure on normal and malignant fibroblasts and permeability of normal and malignant cells to water, 266
Osteitis deformans, bone sarcoma in, 109
fibrosa; dissecting bone resorption in generalized osteodystrophia fibrosa (Recklinghausen's disease), 91
fibrosa, experimental fibrous osteodystrophy, 86
Osteodystrophia Fibrosa: See Osteitis fibrosa
Osteogenesis: See Bones, growth
Osteosclerosis fragilis, histology of bone in, 253
Ovary, actinomycosis of, 258
granulosa cell tumor, 2 cases, 692
hormone, response of mammary gland to, 526
tumors, cytology of, *1
tumors; neoplastic diseases produced in mice by general irradiation with x-rays, 263

Page, R. C.: Cytology of ovarian tumors, *1
Paget's Disease of Bone: See Osteitis deformans
Pancreas, histologic changes in dog's pancreas under influence of secretin and of extract of duodenal mucosa, 381
formation of pancreatic islets following duct obstruction due to carcinoma of head of pancreas, 383
Pancreatic Duct, formation of pancreatic islets following duct obstruction due to carcinoma of head of pancreas, 383
papillomatosis and carcinoma of pancreatic duct system, 110
Pancreatitis, anastomosis of pancreatic and biliary ducts in dogs, 667
diabetic coma and acute pancreatitis with fatty liver, 819
Paneth Cells: See under Intestines
Papilloma and carcinoma of bladder in dye workers, 109
immunization of rabbits to infectious papillomatosis, 828
papillomatosis and carcinoma of pancreatic duct system, 110
relation of virus causing rabbit papillomas to cancers deriving therefrom, 682
serologic reactions obtained with virus causing rabbit papillomas which become cancerous, 682
Paralysis: See also Poliomyelitis
General: See Dementia Paralytica
paralytic shell-fish poisoning, *560
relation of paralytic shell-fish poison to certain plankton organisms of genus Gonyaulax, *537
Paraphysis: See under Brain
Parasites: See Intestines, parasites
Parathyroid, effect of experimental reduction of kidney substance on parathyroid glands and skeletal tissue, 665
experimental fibrous osteodystrophy, 86
hyperplasia and chronic destruction of kidney, 89
hyperplasia secondary to renal insufficiency; report of case, *30
influence of endocrine glands on skeletal system, 248
Paratyphoid, blockade of reticulo-endothelial system in immunization as revealed by congo red tests, 523
Paternity: See also Blood, groups
blood grouping in New York courts, 686
use of blood tests in cases of disputed paternity in courts of Ohio, 396
Payne, H. M.: Pneumonoconiosis developing after 14 months' use of sand blast, 274
Peptic Ulcer, changes in appendix in gastric ulcer, 513
relation of diet to occurrence of gastric lesions in rat, 84
Periarteritis nodosa with multiple aneurysms, 674
Periarthritis, effect of staphylococcus toxin on knee joints of rabbits, *215
Pericardium, primary endothelioma of, 685
Peritoneum, disposal of barium sulfate in abdominal cavity, 251
newly formed lymph vessels in carcinomatous peritoneal implants, 88
primary carcinoma of liver cells with peritoneal metastasis, *58
response of peritoneal tissue to certain injected dusts, 85
Pertussis: See Whooping Cough
Petersen, W. F.: Conception, constitution and susceptibility to disease, 267
Studies in endemiology (periodicity in sun spots and in mortality), 404
Phagocytes and Phagocytosis: See also Immunity; Leukocytes; Reticulo-Endothelial System
nature of pulmonary alveolar lining, 381
Phosphatase; increased phosphatase activity of bone at sites of osteoplastic metastases secondary to carcinoma of prostate gland, 394

Phosphate: See Phosphorus and Phosphorus Compounds
Phosphorus and Phosphorus Compounds, primary lesion in phosphate nephritis, 381
Pia Mater: See also Meninges
chromatophores in syringomyelic cavities, 381
vasodilation in pia following stimulation of geniculate ganglion, 815
Pineal Gland, cyst; precocious senescence; sequel to cyst of pineal body, 668
tumor of, 110
Pituitary Body: See also Hypothalamus
changes following total thyroidectomy, *443
differential cell counts in hypertension and endocrine disturbances, 89
relation of basophilic cells of neurohypophysis to hypertension and eclampsia, 674
secretion; comparison of prolan bio-assays in teratoma and other conditions, 681
serial implantation of anterior lobes of bovine and human pituitary glands into guinea pigs, *135
tumor induced with follicular hormone, 685
Pituitary Preparations, resistance to posterior pituitary in diabetes insipidus, 817
Placenta, experimental study of congenital syphilis, 823
pathogenesis of placental obliteration, 513
permeability for various micro-organisms and bacteriophages, 677
Plankton, diagnosis of death by drowning through demonstration of plankton organisms in lungs and duodenum, 833
relation of paralytic shell-fish poison to certain plankton organisms of genus Gonyaulax, *537
Plasma Cells: See Lymphocytes, count
Plasmodium Malariae: See under Malaria
Plotz, Ella Sachs Plotz foundation, 814
Pneumococci, acquired immunity in rabbits to intranasal infection with type I pneumococcus, 515
anaerobic, 677
availability of specific pneumococcic antibody after intravenous, intramuscular and subcutaneous injections, 389
chemo-immunologic studies on conjugated carbohydrate-proteins, 387
complement fixation with pneumococcic capsular polysaccharide, 517
effect of salts on precipitin reaction, 100
mechanism of hitherto unexplained form of native immunity to type II pneumococcus, 524
natural immunity to pneumococcus type III, 387, 518
quantitative studies on antibody purification, 517
somatic C polysaccharide of, 823
Pneumoconiosis developing after 14 months' use of sand blast, 274
influence of dusts on tuberculous infection; susceptibility of subcutaneous lesions produced by dusts to infection by tubercle bacilli injected intravenously, *8
investigations on respiratory dust disease in operatives in cotton industry, 378
response of peritoneal tissue to certain injected dusts, 85
similarity of lesions produced by silica and by tubercle bacillus, 822
Pneumonia, lobar, changing concepts in, 835
somatic C polysaccharide of pneumococcus, 823
Poisons and Poisoning: See also Dyes; and under names of specific substances, as Lead; Nicotine; etc.
clinico-anatomic and spectrographic investigation of central nervous system in acute metal poisoning, 833
hemorrhages into floor of fourth ventricle in intoxications and inflammations of brain, 382
massive necrosis of liver following intraportal administration of poisons, 820
paralytic shell-fish poisoning, *560
relation of paralytic shell-fish poison to certain plankton organisms of genus Gonyaulax, *537
Polayes, S. H.: Case of bacteremia due to Bacillus welchii with spontaneous extrusion of completely infarcted spleen following appendectomy with recovery, 695
Poliomyelitis: See also Encephalomyelitis
active immunization against, 260
acute anterior, active immunization with ricinoleated vaccine, 275
correlation between pathologic changes and isolations of virus in 1936 epidemic in Chicago, 403
pathology of, 276
Polymyositis: See Myositis
Portal Vein, liver function and blood plasma protein formation; normal and Eck fistula dogs, 816
massive necrosis of liver following intraportal administration of poisons, 820
Postmortems: See Autopsies
Precipitin: See also Streptococci, hemolytic
photometric study of specific precipitin, 522
Pregnancy: See also Puerperium
effect of pregnancy and of female sex hormones on syphilis in experimental animals, 666
experimental study of congenital syphilis, 823
heterospecific, problem of, 681
Prize, Theobald Smith prize, 377
Prolan: See Pituitary Body, secretion
Prostate, effects of estrogenic substance on prostate and uterus masculinus in various species of primate, 666
evolution and involution of, 250
increased phosphatase activity of bone at sites of osteoplastic metastases secondary to carcinoma of prostate gland, 394
physiologic response of prostatic and vesicular tissue transplanted into anterior chamber of eye, 119
testicular tumors associated with mammary, prostatic and other changes in cryptorchid dogs, 394
Protein: See also Amino-Acids; etc.
Bence-Jones: See Urine, Bence-Jones protein
chemical studies on crystalline proteins of virus of tobacco mosaic, 114
chemo-immunological studies on conjugated carbohydrate-proteins, 387
in Blood: See Blood, proteins
ultraviolet spectrophotometry of biologic fluids; blood plasma following immunization to alpha crystalline lens protein; tetanus and diphtheria antitoxic serum, *454
Protoplasm, wave mechanics of protoplasmic action; experimental histology of nerve fibers, *325
Pseudorabies, protective action of nasally instilled immune serum against infection with certain neurotropic viruses introduced by way of nose, 101
Psittacosis, necessity of living cells for cultivation of virus, 825
Puerperium, postpartum air embolism, 270
Purpura, experimental, pathologic anatomy of, 532
Pus, serologic specificity of pathologic tissues, 522
Putschar, W.: Changes in intervertebral disks in spondylolisthesis and related conditions of spine, 270

Rabson, S. M.: Malignant mesenchymal hemendothelioma, 692
Radiations: See Radium; Roentgen Rays; Ultraviolet Rays; and under names of various diseases
Radioactivity: See Thorium
Radium, carcinogenic action in rabbit, 395
Rae, M. V.: Coronary aneurysms with thrombosis in rheumatic carditis; unusual occurrence accompanied by hyperleukocytosis in child, *369
Ragins, A. B.: Ganglioneuroma of vermiform appendix; histologic study of case, *786
Recklinghausen's Disease: See Neurofibromatosis; Osteitis fibrosa
Redish, M. H.: Leiomyosarcoma of stomach grossly simulating carcinoma, 690
Reflex, pulmonary infarcts of embolic origin, 90
Reichle, H. S.: Reactivation of primary tuberculous complex as source of tuberculous reinfection, *201
Research, medical, aid for, 508
Respiration, roentgen-kinematographic studies of effects of electrical currents on respiration and circulation of animals, 818

Respiratory Tract, diseases; coryza of domestic fowl; coccobacilliform bodies, 256
Reticulocytes: See Erythrocytes
Reticulo-Endothelial System: See also Liver; Mononucleosis; Phagocytes and Phagocytosis
aleukemic reticulosis, 269
and anaphylaxis in dog, 259
blockade of reticulo-endothelial system in immunization as revealed by congo red tests, 523
diseases; infectious reactive reticulo-endotheliosis as hyperergic manifestation, 382
leukemic reticulo-endotheliosis; report of case with autopsy, *626
Reticulo-endothelioma of gluteal region, 526
Reticulo-Endotheliosis: See Reticulo-Endothelial System, diseases
Reticulosarcoma, eosinophilia in malignant tumors, 526
Reticulosis: See Reticulo-Endothelial System
Reticulum: See Reticulo-Endothelial System; Tissue, connective
Rheumatic Fever, auricular thrombosis in rheumatic heart disease, *344
climate and Streptococcus-rheumatism relationship, 824
coronary aneurysms with thrombosis in rheumatic carditis; unusual occurrence accompanied by hyperleukocytosis in child, *369
lesions of cardiac valve rings in, 88
mycotic aneurysm and subacute bacterial aortitis, associated with severe chronic rheumatic heart disease, 112
rheumatic commissural lesions and their relation to so-called congenital bicuspid aortic valve of adult, 117
tuberculous vegetative endocarditis superimposed on active chronic rheumatic heart disease, 398
Rigdon, R. H.: Effect of staphylococcus toxin on knee joints of rabbits, *215
Staphylococcic immunity; résumé of experimental and clinical studies, *233
Ringworm, hanging drop culture for diagnosis of tinea infections, 111
Robinson, C. S.: Chylous effusions produced by experimental ligation of superior vena cava; chemical and cytologic studies, *303
Rocky Mountain Spotted Fever, brain reaction in guinea-pigs infected with endemic typhus, epidemic (European) typhus and Rocky Mountain spotted fever, eastern and western types, 95
spotted fever; fièvre boutonneuse, 256
Weil-Felix reaction of rabbit in diagnosis of Rocky Mountain spotted fever (eastern type), 261
Roentgen Rays, comparative effects of roentgen rays and neutrons on normal and tumor tissue, 525
influence on inflammation, 667
neoplastic diseases produced in mice by general irradiation with x-rays, 263
Therapy: See under names of diseases
Rogers, B. C.: Chylous effusions produced by experimental ligation of superior vena cava; chemical and cytologic studies, *303
Rosenblum, H. B.: Physiologic response of prostatic and vesicular tissue transplanted into anterior chamber of eye, 119
Rukstinat, G. J.: Aortic stenosis, atresia and adult coarctation in triloculate heart, 837
Practical illuminated shelf for pathologic museum, *366
Rule, A. M.: Active immunization against acute anterior poliomyelitis with ricinoleated vaccine, 275

Saccharides: See Carbohydrates
Salicyl Compounds, effect of oil of wintergreen on spontaneous carcinoma in mice, 681
possible effect of oil of gaultheria in diet of mice susceptible to spontaneous carcinoma of mammary gland, 524
Saliva, iso-antigens in, 259
Salivary glands, mixed tumors, 300 cases of which 69 recurred, 266
Salmonella enteritidis; intestinal changes in mice after various modes of infection with Bacillus enteritidis Breslau, 97
morphologic investigations of Breslau infection in vaccinated rabbits, 825
Sanes, S.: Acute and chronic polymyositis, 273
Ependymal cyst of cervicodorsal region of spinal cord, 406
Sarcoid, Boeck's; report of 6 cases in which autopsies were made, *19
Sarcoma: See also Leiomyosarcoma; Liposarcoma; Myxosarcoma; Reticulosarcoma
attempts at cultivation of viruses producing leukosis in fowls, *281
comparative effects of roentgen rays and neutrons on normal and tumor tissue, 525
early stages of transplantation of Ehrlich-Putnoky tumor into mice and rats, 523
effects of osmotic pressure on normal and malignant fibroblasts and permeability of normal and malignant cells to water, 266
further quantitative methods for study of transplantable tumors, 393
hyaline change and calcification in Jensen rat sarcoma from injection of gelatin, acriflavine and calcium chloride, 684
Kaposi's; 2 solitary nodules in scalp and forehead, 690
reticulum cell sarcoma; report of 2 cases, 130
synovial, 393
virus in nonfiltrable tar sarcoma of fowl, 109
Saxton, J.: Serial implantation of anterior lobes of bovine and human pituitary glands into guinea-pigs, *135
Scalp, Kaposi's sarcoma; 2 solitary nodules in scalp and forehead, 690
Scarlet fever, active immunization by intracutaneous method, 519
Schick Test: See Diphtheria
Schleifstein, J.: Multiple myeloma; report of case, 128
Sclerosis: See also Arteriosclerosis
similarities between some forms of "encephalomyelitis" and multiple sclerosis, 251
Secretin, histologic changes in dog's pancreas under influence of secretin and of extract of duodenal mucosa, 381
Secretions, Internal: See Endocrine Glands
Seminal Vesicles, physiologic response of prostatic and vesicular tissue transplanted into anterior chamber of eye, 119
primary carcinoma of, 525
Senility: See Old Age
Septicemia, thrombosis of patent ductus arteriosus associated with septicemia due to Streptococcus viridans, 399
Septum Pellucidum: See under Brain
Serum: See also under Blood
immune; effect of heat inactivation on reactivity of serum, 676
immune; immuno-iso-antibodies in hog, 679
production and absorption of anti-M and anti-N immune serums, 390
Sickness: See Anaphylaxis and Allergy
species-specific erythrocytic antigen in human serum and group-specific hemagglutinins in corresponding precipitating antiserums, 392
Sex, Hormones: See Hormones, sex
perversion; testes of sexual perverts, 382
Shell-Fish: See Mussels
Shigella: See Dysentery, bacilli
Shock, Anaphylactic: See Anaphylaxis and Allergy
its mechanism and pathology, *642, *794
Shwartzman Phenomenon: See Immunity
Siderosis, siderofibrous nodules (Gandy-Gamna) of stomach and liver of traumatic origin, 514
Silicosis: See Pneumoconiosis
Silicotuberculosis: See Pneumoconiosis
Skeleton: See under Bones
Skin, cancer; antagonism to development of malignant growth in 2 different organs, 684
histochemical detection of metals in current marks, 397
Inflammation: See Dermatitis
nature and origin of hemorrhagic necrotic lesions caused by bacteria and bacterial products, 272
permeability; intracutaneous resorption of fats and lipoids, 87
production of hemorrhagic necrotic lesions by means of bacteria, 271
Smallpox, vaccination; epidemiological aspects of spontaneously acquired vaccinia in rabbit, 386
vaccination; titration of vaccinia virus on chorio-allantoic membrane of chick embryo, 516
vaccine; soluble precipitable substances of vaccinia, 679

Smith, L. W.: Pathology of poliomyelitis, 276
Smith, O. N.: Bronchiogenic carcinoma simulating pulmonary tuberculosis with metastases to arterial mesocardium, 113
Smith, Theobald Smith prize, 377
Smoke, coal smoke soot and pulmonary tumors in mice, 264
Snake Venom: See Venom
Societies, American College of Physicians, meeting, 246
American Society of Tropical Medicine, meeting, 664
International Leprosy Conference, 246
Society of American Bacteriologists, meeting, 246

Society Transactions:

Buffalo Pathological Society, 269, 404
Chicago Pathological Society, 267, 401, 835
New York Pathological Society, 115, 690
Pathological Society of Eastern New York, 127
Pathological Society of Philadelphia, 112, 274, 398, 532

Sodium Amytal: See Barbital and Barbital Derivatives
chloride; effect of salts on precipitin reaction, 100
ricinoleate; active immunization against acute anterior poliomyelitis with ricinoleated vaccine, 275
Sommer, H.: Paralytic shell-fish poisoning, *560
Relation of paralytic shell-fish poison to certain plankton organisms of genus Gonyaulax, *537
Soot: See Smoke
Specimens, practical illuminated shelf for pathologic museum, *366
Spinal Cord, ependymal cyst of cervicodorsal region of, 406
Spine, abnormalities; Klippel-Feil syndrome, 511
changes in intervertebral disks in spondylolisthesis and related conditions of spine, 270
gibbus formation in vertebral Hodgkin's disease, 254
Spleen, bacteremia due to Bacillus welchii with spontaneous extrusion of completely infarcted spleen following appendectomy with recovery, 695
marked macrocytic anemia in "hemolytic jaundice" with findings in sternal bone marrow and spleen, 406
multiple necrosis (speckled spleen), 820
Spondylolisthesis: See under Spine
Spotted Fever: See Rocky Mountain Spotted Fever
Sprunt, D. H.: Simple atrophy of liver; its relation to increased resistance, *738
Stains and Staining, chromium-hematoxylin stain for myelin in paraffin sections, *230
histologic study of nuclei in squamous cell carcinoma of uterine cervix, *476
myelin sheath staining method, 111
Stanley, W. M.: Chemical studies on crystalline proteins of virus of tobacco mosaic, 114
Staphylococci, failure to grow from small inocula, 516
immunity, 99
immunity; résumé of experimental and clinical studies, *233
immunologic specificity of, 388
staphylococcic food poisoning, 94
studies on, 98
toxin, effect on knee joints of rabbits, *215
toxins with reference to estimation of potency, 521
toxoid in treatment of diabetes, 103
toxoid, purification of, 104
Status Epilepticus: See Epilepsy
Sterilization, sexual; testes of sexual perverts, 382
Sternum, Puncture: See Bones, marrow
Stewart, H. L.: Pathologic anatomy of experimental purpura, 532
Stohler, R.: Relation of paralytic shell-fish poison to certain plankton organisms of genus Gonyaulax, *537
Stomach: See also Gastro-Intestinal Tract
glandular hyperplasia of mucosa of cardia of stomach, 93
histologic study of Meckel's diverticulum, 670
histology of gastric mucosa, 93
leiomyosarcoma grossly simulating carcinoma, 690
preparations; effect of mucin on bacterial infections, 384
siderofibrous nodules (Gandy-Gamna) of stomach and liver of traumatic origin, 514
Ulcer: See Peptic Ulcer
Stools: See Feces
Streptobacillus: See Bacteria, streptobacillus
Streptococci: See also Scarlet fever
antibacterial immunity to infection with hemolytic streptococci in rabbits, 829
climate and Streptococcus-rheumatism relationship, 824
direct fermentation of disaccharides and variation in sugar utilization by Streptococcus thermophilus, 516
epizootic streptococcic myocarditis in guinea-pigs, 677
hemolytic, and antistreptococcic serums, 104
hemolytic; fate of strain of virulent hemolytic streptococci injected into skin of normal and immunized rabbits, 388
tissue culture studies on bacterial hypersensitivity, 827
tissue culture studies on hypersensitivity to, 518
viridans, thrombosis of patent ductus arteriosus associated with septicemia due to, 399
Stubbs, F. D.: Pneumonoconiosis developing after 14 months' use of sand blast, 274
Subdural Space: See Meninges
Sudman, A. T.: Ultraviolet spectrophotometry of biologic fluids; blood plasma following immunization to alpha crystalline lens protein; tetanus and diphtheria antitoxic serum, *454
Suprarenals: See Adrenals
Sure, B.: Avitaminosis; nerve degeneration in albino rats as studied by freezing-drying method and polarized light with deficiency of vitamin A or of vitamin B, *430
Sweany, H. C.: Certain features of retrogressive changes of tubercles, 401
Incidence of extrapulmonary primary tuberculosis, 402
Synovial Membrane, sarcoma, 393
Syphilis: See also under names of organs, regions and diseases, as Endocarditis; etc.
comparative histology of yaws and syphilis in Jamaica, *703
congenital, experimental study of, 823
effect of pregnancy and of female sex hormones on syphilis in experimental animals, 666
pathogenesis of neurosyphilis, 825
severe myocarditis of unknown etiology, 512
Syringomyelia, chromatophores in syringomyelic cavities, 381
wave mechanics of protoplasmic action; experimental acute traumatic syringomyelia, *419

Talcum powder granuloma, *36
Tar, anatomic changes in rabbits from coal tar painting, 510
Taube, H. N.: Pathologic changes in tissues of dog following injections of rattlesnake venom, *43
Teeth, effect of deficient diet, with and without extraction of teeth, on dentition of guinea-pig, 85
Tendon, fibromyxoma of tendon of psoas minor, 527
Teratoma, comparison of prolan bio-assays in teratoma and other conditions, 681
Terplan, K.: Acute and chronic polymyositis, 273
Aleukemic reticulosis, 269
Testicles, comparison of prolan bio-assays in teratoma and other conditions, 681
effects of several chemical agents on testes of some experimental animals, 114
glycogen in human testicle, 820
of sexual perverts, 382
tumors associated with mammary, prostatic and other changes in cryptorchid dogs, 394

Tetanus immunity, 826
toxoid, 517
ultraviolet spectrophotometry of biologic fluids; blood plasma following immunization to alpha crystalline lens protein; tetanus and diphtheria antitoxic serum, *454
Theelin: See Hormones, sex
Thorax; thoracic lymphoblastoma in child, 129
Thorium dioxide, effects of, 509
Thrombopenia: See Purpura
Thrombosis: See also Embolism
auricular, in rheumatic heart disease, *344
coronary aneurysms with thrombosis in rheumatic carditis; unusual occurrence accompanied by hyperleukocytosis in child, *369
increasing incidence of fatal thrombotic pulmonary embolism, 821
of patent ductus arteriosus associated with septicemia due to Streptococcus viridans, 399
Thyroid: See also Parathyroid
anatomic changes produced by thyroid feeding and by injection of 3,5-diiodotyrosine, *315
changes in pituitary gland following total thyroidectomy, *443
cholesterol-induced arteriosclerosis in rabbits with variations due to altered status of thyroid, *612
chronic inflammatory and sclerotic processes in, 817
Thyroidectomy: See under Thyroid
Thyroxine, organ changes experimentally induced by, 379
Tillotson, A. E.: Certain features of retrogressive changes of tubercles, 401
Tissue: See also Cells
connective; effect of cevitamic acid on fibril formation in tissue culture, 670
connective; effects of osmotic pressure on normal and malignant fibroblasts and permeability of normal and malignant cells to water, 266
coryza of domestic fowl; coccobacilliform bodies, 256
culture studies on bacterial hypersensitivity, 827
culture studies on hypersensitivity to Streptococcus, 518
culture studies on hypersensitivity to tuberculin, 518
culture; virus of inguinal lymphogranuloma, 678
pathologic changes in dog following injections of rattlesnake venom, *43
Permeability: See Osmosis and Permeability
Staining: See Stains and Staining
Tobacco, chemical studies on crystalline proteins of virus of tobacco mosaic, 114
Tocantins, L. M.: Pathologic anatomy of experimental purpura, 532
Tolins, S. H.: Physiologic response of prostatic and vesicular tissue transplanted into anterior chamber of eye, 119
Tonsils, histology of hypertrophied tonsils, 255
hyperergic inflammation on tuberculous basis, 86
Trauma, benign subcutaneous lipogranuloma developing after diathermy, traumatism or hypodermic injections, 381
Trichinosis and cancer, 528
Trichostrongylidae, local points of defense and passive transfer of acquired immunity to Nippostrongylus muris in rats, 519
Tricuspid Valve, congenital atresia complicated by congenital myxosarcoma of labium majus, *777
Trypanosoma, nature of virucidal substance in "normal" human serum, 102
Trypsin, micromethod for determination of tryptic activity, 688
Tube, modification of Hall constricted tube for anaerobic culture, *64
Tubercle Bacilli, inexpensive medium for, 111
pathogenesis and fate of tubercles produced by dissociated variants of, 257
role of non-acid-fast rods and granules in developmental cycle of, 822
Tuberculin: See also Tuberculosis
development of local cellular reaction to tuberculin in sensitized calves, *599
Tuberculoma, tuberculous meningitis in relation to, 697
Tuberculosis: See also Tubercle Bacilli; and under names of various diseases, organs and regions, as Endocarditis; Heart; Meningitis; etc.
acute atypical miliary, 826
allergy and anaphylaxis, 830
behavior of tubercle bacilli within body, 822
certain features of retrogressive changes of tubercles, 401
development of local cellular reaction to tuberculin in sensitized calves, *599
experimental, by intracerebral inoculation, 514
experimental, statistical interpretation of data in, 529
incidence of extrapulmonary primary tuberculosis, 402
influence of dusts on tuberculous infection; susceptibility of subcutaneous lesions produced by dusts to infection by tubercle bacilli injected intravenously, *8
leukemoid response of tuberculous rabbits to tuberculin, 826
lysozyme, 829
mechanism of immunity in, 387
pulmonary; bronchiogenic carcinoma simulating pulmonary tuberculosis with metastases to arterial mesocardium, 113
pulmonary; pathology of pulmonary epituberculosis, 92
pulmonary; similarity of lesions produced by silica and by tubercle bacillus, 822
pulmonary; terminal lesions of tuberculous lung, 90
reactivation of primary tuberculous complex as source of tuberculous reinfection, *201
recoverability of Mycobacterium tuberculosis avium from experimentally infected guinea-pigs, 94
recovery of virulent tubercle bacilli from tissues of swine intended for food, 384
relations between human cancer and tuberculosis, 396
resistance against tubercle bacilli after immunization with different bacteria, 680
tissue culture studies on hypersensitivity to tuberculin, 518
tuberculous vegetative endocarditis superimposed on active chronic rheumatic heart disease, 398
Tularemia, disease of lemmings, 678
nature of bacterial specific intradermal antiserum reaction, 520
Tumors: See also Adenocarcinoma; Adenoma; Cancer; Chondroma; Endothelioma; Fibroma; Granuloma; Melanoma; Papilloma; Sarcoma; Teratoma; and under names of organs and regions, as Bones; Brain; Kidneys; Lungs; Ovary; etc.
association of chromaffin tumors with neurofibromatosis, 526
biologic method for sterilizing contaminated transplantable tumors, 681
breaking-down of resistance of mice of 1 strain to transplantation of tumors from mice of another strain, 831
further quantitative methods for study of transplantable tumors, 393
granulosa cell tumor of ovary, 2 cases, 692
immunologic reactivity of tumor tissue from mice, 395
influence of estrogenic substances in stimulation of abnormal growths, 400
mixed, of salivary glands; 300 cases of which 69 recurred, 266
roles of heredity and somatic mutation in origin of malignancy, 831
serologic specificity of tumor tissue, 395
statistical study of 2,179 tumors in Chinese, 685
titration of mouse tumors in transplantation experiments, 683
virus tumors and tumor problem, 264
Turner, O. A.: Arteriovenous hamartoma of brain; report of case with autopsy, *223
Turner, T. B.: Comparative histology of yaws and syphilis in Jamaica, *703
Twins, homologous, carcinoma of breast in, 393

Typhoid, H and O agglutinins and complement-fixing bodies in persons inoculated with typhoid endotoxoid vaccine, 103
interrelations between immunologic and allergic manifestations, 262
V and W forms of Bacillus typhosus, 96
Vi antigen of Bacillus typhosus, 104
Typhus, brain reaction in guinea-pigs infected with endemic typhus, epidemic (European) typhus and Rocky Mountain spotted fever, eastern and western types, 95
group of diseases in Malaya, 96
histology of vagus and sympathetic ganglions in, 254
mechanism of immunity in, 678

Uhry, E., Jr.: Demonstration of bacterial hemolysin in experimental and natural infections, 405
Ulcers: See Peptic Ulcer; and under names of organs
Ultraviolet Rays; ultraviolet spectrophotometry of biologic fluids; blood plasma following immunization to alpha crystalline lens protein; tetanus and diphtheria antitoxic serum, *454
Undulant fever, modified technic for agglutination tests in Brucella infection, 520
Urea, deposition in brain in diphtheria, 675
Uremia: See under Nephritis
Uric Acid, microdetermination of, 688
Urinary Tract, infection with dysentery bacilli, 272
Urine, Bence-Jones protein; megakaryoblastic myeloma with crystalline protein in renal tubules, 402
Uterus: See also Endometrium
experimental study of congenital syphilis, 823
histologic study of nuclei in squamous cell carcinoma of uterine cervix, *476
Masculinus: See Müller's Duct
morphologic alterations of cervical cancers in course of irradiation, 528

Vaccinia: See Smallpox, vaccination
Vagina, cyclic changes in human vaginal mucosa, 247
vaginal metastases from hypernephroma, 263
Varicose Veins, retractility and distensibility of great saphenous vein, 252
Variola: See Smallpox
Varix: See Varicose Veins
Vaughan, S.: Aleukemic reticulosis, 269
Veins: See also Blood vessels; Cardiovascular System; Embolism; Thrombosis; Venae Cavae
Portal: See Portal Vein
retractility and distensibility of great saphenous vein, 252
Venae Cavae, chylous effusions produced by experimental ligation of superior vena cava; chemical and cytologic studies, *303
Venom, pathologic changes in tissues of dog following injections of rattlesnake venom, *43
Vernix caseosa, group-specific properties of, 833
Vertebrae: See Spine
Vibrio: See Cholera, vibrio
Viruses: See also under Influenza; etc.
attempts at cultivation of viruses producing leukosis in fowls, *281
cultivation of virus of ectromelia on chorioallantoic membrane of hen's eggs, 97
effect of virus of louping ill on developing egg, 96
high speed vacuum centrifuge suitable for study of filtrable viruses, 529
immunologic relationship between Kikuth's canary virus and fowl pox, 103
pathologic changes due to virus of lymphocytic choriomeningitis, 386
persistence of virus of lymphocytic choriomeningitis in immune animals and its relation to immunity, 100
Viruses—Continued
relation of virus causing rabbit papillomas to cancers deriving therefrom, 682
serologic reactions obtained with virus causing rabbit papillomas which become cancerous, 682
transformation of virus of rabbit fibroma (Shope) into that of infectious myxomatosis (Sanarelli), 533
virus tumors and tumor problem, 264
Viscera, Boeck's sarcoid; report of 6 cases in which autopsies were made, *19
Vital Statistics, studies in endemiology (periodicity in sun spots and in mortality), 404
Vitamins: See also Deficiency Diseases; Diet and Dietetics; etc.
A; epithelial metaplasia; experimental study, *486
avitaminosis; nerve degeneration in albino rats as studied by freezing-drying method and polarized light with deficiency of vitamin A or of vitamin B, *430
C and anaphylactic shock in guinea-pigs, 388
C; effect of cevitamic acid on fibril formation in tissue culture, 670
C, modification of anaphylactic shock by, 830
C; waxy degeneration of muscle in calves due to avitaminosis C, 669
D; experimental fibrous osteodystrophy, 86
Von Glahn, W. C.: Relation of certain chemical substances to production of cirrhosis, 400
Vorwald, A. J.: Influence of dusts on tuberculous infection; susceptibility of subcutaneous lesions produced by dusts to infection by tubercle bacilli injected intravenously, *8
Vulva, congenital atresia of tricuspid valve complicated by congenital myxosarcoma of labium majus, *777

Warwick, M.: Case of postpartum air embolism, 270
Causes of death in new-born infants, 404
Wassermann Reaction, influence of antigenic extract on sensitiveness of, 530
new Kolmer modification of, 530
vacuum-dried complement in routine Wassermann reaction, 528
Water, effects of osmotic pressure on normal and malignant fibroblasts and permeability of normal and malignant cells to water, 266
Weather: See also Climate
studies in endemiology (periodicity in sun spots and in mortality), 404
Weil, A.: Histology of brain in experimental hyperinsulinism, 838
Weil's Disease: See Jaundice, spirochetal
Weil-Felix Reaction: See Rocky Mountain Spotted Fever
Weir, J. M.: Carcinoma of Meckel's diverticulum; report of case, *791
Whedon, W. F.: Effects of paralytic shell-fish poison on nerve cells, *411
Relation of paralytic shell-fish poison to certain plankton organisms of genus Gonyaulax, *537
Whooping Cough, Haemophilus pertussis on chocolate-brown agar, 515
morphology of Haemophilus pertussis, 824
Willis' Circle: See Brain, blood supply
Wintergreen: See under Salicyl Compounds
Witebsky, E.: Nature and origin of hemorrhagic necrotic lesions of skin caused by bacteria and bacterial products, 272
Production of hemorrhagic necrotic lesions of skin by means of bacteria, 271
Wright, A. W.: Congenital aneurysm of circle of Willis; report of case, 128
Wright, C. B.: Leukemic reticulo-endotheliosis; report of case with autopsy, *626

Yaws: See Frambesia

Zawadski, S. A.: Foreign bodies in appendix, 271